

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

1. (Cancelled).
2. (Previously Presented) The border lighting strip as set forth in claim 27, wherein the sheath includes:
an extruded length of light transmissive material of high refractive index.
3. (Previously Presented) The border lighting strip as set forth in claim 27, wherein the sheath includes:
an extruded length of a wave guiding material for distributing light along the length of the sheath.
4. (Cancelled).
5. (Cancelled).
6. (Previously Presented) The border lighting strip as set forth in claim 27, wherein each LED has associated therewith a lead frame which provides for electrical connection of the LED to the cable.
7. (Cancelled).
8. (Cancelled).
9. (Previously Presented) The border lighting strip as set forth in claim 27, wherein:
the light emitting devices (LEDs) include light emitting diodes.

10. (Original) The border lighting strip as set forth in claim 9, wherein the light emitting diodes are selected from a group consisting of:

phosphide-based red light emitting diodes,
blue or blue/green nitride-based light emitting diodes, and
phosphor-coated UV light emitting diodes emitting white or other colored light.

11. (Previously Presented) A linear lamp comprising:

an essentially hollow tube of translucent or transparent material including an extended cylindrical lens having a length substantially coextensive with a length of the hollow tube, wherein the tube and the lens are integrally formed by a single extrusion;

a plurality of light emitting elements arranged within the tube and optically coupled with the extended cylindrical lens; and

at least one electrical wire arranged within the tube for supplying electrical power to the light emitting elements.

12. (Previously Presented) The linear lamp as set forth in claim 11, wherein the extended cylindrical lens defines a wave guide portion that distributes light generated by the light emitting elements along the tube.

13. (Previously Presented) The linear lamp as set forth in claim 11, wherein the extended cylindrical lens refracts light generated by the light emitting elements in a plane perpendicular to the tube.

14. (Original) The linear lamp as set forth in claim 11, further including:

a plurality of conductors that electrically and mechanically connect the light emitting elements to the at least one electrical wire.

15. (Previously Presented) The linear lamp as set forth in claim 11, wherein:

the tube is flexible whereby the linear lamp is flexible and arrangeable in a non-straight orientation.

16. (Currently Amended) A lighting strip comprising:

a cord including a plurality of parallel conductive wires and an insulating coating;
a plurality of light emitting elements affixed to the cord and arranged to receive electrical power therefrom; and

an at least partially light-transmissive tube surrounding the plurality of light emitting elements and at least a portion of the cord, the light-transmissive tube including an integral optical element that distributes light emitted by the plurality of light emitting elements along the lighting strip, wherein the tube is formed by an extrusion molding.

17. (Cancelled).

18. (Previously Presented) The lighting strip as set forth in claim 16, wherein the integral optical element includes:

a lens integrally formed with the tube that optically communicates with the plurality of light emitting elements.

19. (Original) The lighting strip as set forth in claim 16, wherein the light emitting elements include light emitting diodes.

20. (Original) The lighting strip as set forth in claim 16, further including:
at least one mount that attaches the light emitting elements to the cord.

21. (Cancelled).

22. (Original) The lighting strip as set forth in claim 16, wherein the tube includes a color tinting.

23. (Currently Amended) A method for manufacturing a lighting strip, the method comprising:

electrically connecting a plurality of light emitting devices to an electrical cable to form a linear light source;

extruding a transparent or translucent sheath including an integral optical element, the sheath adapted to receive the linear light source;

simultaneously with the extruding of the sheath, extruding an integral optical element comprising a cylindrical lens parallel to and formed with the sheath; and

inserting the linear light source into the extruded sheath with the linear light source arranged to be in optical communication with the optical element.

24. (Cancelled).

25. (Original) The method as set forth in claim 23, wherein electrically connecting includes:

attaching a mount to the electrical cable, which attaching includes an electrical connection between the mount and the cable; and

physically and electrically bonding one of the light emitting devices to the mount.

26. (Original) The method as set forth in claim 23, wherein electrically connecting includes:

crimping electrical leads of one of the light emitting devices to the electrical cable to establish an electrical connection therebetween; and

repeating the crimping for each of the plurality of light emitting devices.

27. (Previously Presented) A border lighting strip comprising:
an electrical cable including at least two electrical conductors;
a mount attached to the electrical cable;
a light emitting device (LED) mounted to the mount and electrically connected to the electrical conductors; and

a sheath at least partially made from a light transmissive material, the sheath having a hollow region adapted to receive the electrical cable, the mount and the LED, and an integrally formed cylindrical lens arranged to optically cooperate with the LED, wherein the mount has a complementary shape to the hollow region of the sheath so that the LED is arranged to face the cylindrical lens and is inhibited from moving around an axis parallel to the cylindrical lens.

28. (Previously Presented) The lighting strip of claim 27, wherein the hollow region of the sheath defines first channel and the mount includes a first tab that fits into the first channel so that the mount is inhibited from rotating in the axis parallel to the cylindrical lens.

29. (Previously Presented) The lighting strip of claim 28, wherein the hollow region of the sheath defines a second channel that is opposite the first channel and the mount includes a second tab that is opposite the first tab, the second tab fits into the second channel so that the mount is inhibited from rotating in the axis parallel to the cylindrical lens.